



Released: August 2, 2004
Issue No. CW-31-04

E-mail: nass-mn@nass.usda.gov
Homepage: <http://www.nass.usda.gov/mn/>

MINNESOTA AGRICULTURAL STATISTICS SERVICE IN COOPERATION WITH THE NATIONAL WEATHER SERVICE
TWIN CITIES INT'L AIRPORT, UNIV. OF MINN. EXTENSION SERVICE, AND STATE CLIMATOLOGY, FSA, NRCS, DNR

SPRING WHEAT HARVEST JUST BEGINNING

Spring wheat harvest began last week, with 1% harvested, according to the Minnesota Agricultural Statistics Service. Producers in the central part of the state report that small grains look excellent and they are expecting good yields. Many corn producers are hoping for a late frost this year since crop progress is behind normal, due to lack of growing degree days.

The average temperature for the week was 66.0 degrees, 4.3 degrees below normal. Statewide topsoil moisture supplies as of July 30th were rated 3% very short, 16% short, 76% adequate, and 5% surplus.

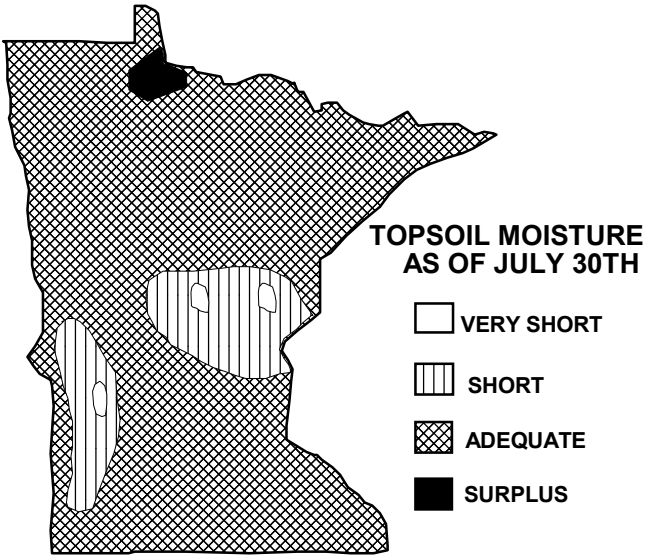
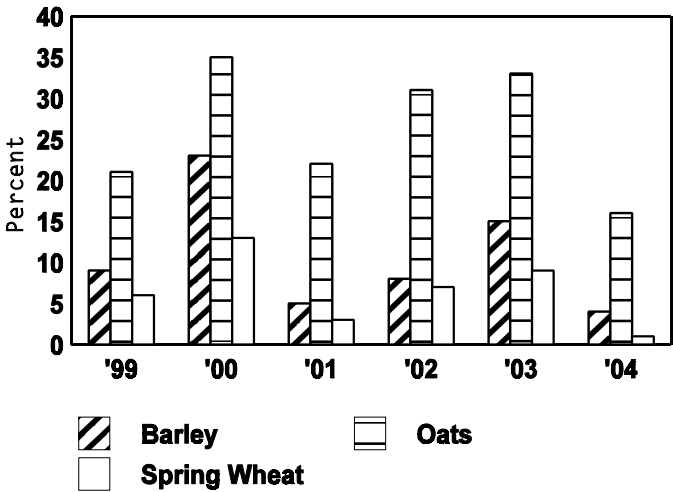
Corn silking was 79%, compared to 95% last year and 92% for the five year average. Soybeans were 81% blooming, compared to 93% last year and 91% for the five year average. Twenty-seven percent are setting pods, behind the five year average of 39%.

Corn condition rating of good to excellent was 68% compared to 67% last week. Soybeans were rated 58% in good to excellent condition, compared to 55% last week.

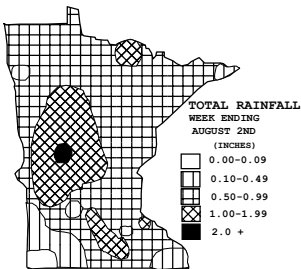
Spring wheat turning ripe was at 58%, behind the five year average of 80%. Spring wheat was 1% harvested, compared to 8% for the five year average. Barley turning ripe was at 60% compared to 93% last year and 84% for the five year average. Barley was 4% harvested, compared to 13% for the five year average. Oats were 81% turning ripe which is behind the five year average of 92%. Oats were 16% harvested, compared to the five year average of 28%.

Days Suitable for Fieldwork : 5.5					
		Very Short	Short	Ade-quate	Sur-plus
Topsoil Moisture (%)		3	16	76	5
Crop Progress as of August 1, 2004					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
		----- Percent -----			
Corn	Silking	79	52	95	92
	Milk	9	1	23	23
	Dough	1	0	0	2
Soybeans	Blooming	81	73	93	91
	Setting Pods	27	16	42	39
Spring Wheat	Turning Ripe	58	28	86	80
	Harvested	1	0	9	8
Oats	Turning Ripe	81	59	93	92
	Harvested	16	8	33	28
Barley	Turning Ripe	60	32	93	84
	Harvested	4	2	15	13
Crop Condition as of July 30 in Percent					
	Very Poor	Poor	Fair	Good	Exc
Pasture	2	7	32	53	6
Spring Wheat	1	5	33	46	15
Barley	2	6	48	36	8
Oats	1	4	25	55	15
Dry Beans	2	5	35	53	5
Canola	5	11	63	15	6
Potatoes	1	3	27	62	7
Sunflowers	2	7	46	42	3
Corn	2	6	24	55	13
Sugarbeets	1	3	32	50	14
Soybeans	2	7	33	47	11

SMALL GRAINS HARVESTED
AS OF AUGUST 1ST, 1999-2004



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING AUGUST 1, 2004:
Temperatures averaged from 4.8 degrees below normal in the North-east and South Central Districts to 2.7 degrees below normal in the East Central District. Extremes: 90° in Canby; 40° in Hibbing, International Falls. Precipitation averaged from 0.53 inch below normal in the Southeast District to 0.43 inch above normal in the West Central District. Greatest weekly total was 2.07 inches.



Precipitation and Temperature Summary for 7/26/2004 through 8/1/2004

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	Four Weeks Since 4/1	Since Apr 29	Depart from Norm	
<u>NW DIST 1</u>										
Crookston	82	44	64.2	-6.0	.37	-.30	-.41	3.54	1051	-364
Moorhead	85	47	66.3	-5.1	.69	.10	1.26	.96	1233	-248
Warroad	82	48	65.6	-2.4	.89	.15	-.59	5.05	959	-269
<u>NC DIST 2</u>										
Grand Rapids	88	50	65.4	-2.4	.76	-.19	.35	-2.67	1103	-145
Intl. Falls	79	40	60.4	-6.2	1.36	.66	1.18	.33	886	-281
Itasca	81	45	63.0	-3.8	1.51	.66	.13	-2.20	982	-174
<u>NE DIST 3</u>										
Duluth	84	47	62.6	-3.6	.99	.07	-.37	-3.07	868	-197
Grand Marais	82	48	60.4	-2.5	.27	-.45	-1.10	-.56	575	-140
Hibbing	84	40	59.0	-7.4	.81	-.15	-1.79	-3.89	920	-209
Isabella	79	43	60.8	-5.7	.89	-.02	-1.74	-2.44	759	-411
<u>WC DIST 4</u>										
Alexandria	83	53	66.0	-4.6	2.07	1.35	.24	-.03	1141	-279
Browns Valley	86	50	68.8	-4.0	.88	.15	.89m	2.80m	1135m	-435m
Canby	90	52	70.0	-3.6	.46	-.21	-.58	.96	1421	-223
Fergus Falls	79	50	65.4	-5.3	1.23	.50	.96	1.31	1227	-207
Montevideo	84	51	67.2	-4.5	1.19	.47	-.11	1.38	1338	-192
Morris	81	50	66.5	-5.0	1.16	.31	-.08	.87	1236	-294
<u>CENT DIST 5</u>										
Becker	81	52	67.0	-3.2	.73	-.22	-.78	3.81	1269	-155
Hutchinson	81	53	68.2	-4.0	1.31	.44	1.15	3.92	1380	-220
Olivia	81	52	66.5	-5.0	.19	-.56	-1.42	1.36	1341	-237
St. Cloud	83	49	65.4	-4.7	1.40	.64	.38	2.15	1255	-160
Staples	79	49	63.8	-4.3	1.31	.56	2.93	2.04	1068	-217
Willmar	80	53	66.4	-5.1	.96	.17	.78	2.97	1313	-237
<u>EC DIST 6</u>										
Aitkin	83	50	65.4	-1.7	.71	-.29	-.94	-3.21	1032	-170
MSP Airport	86	58	71.2	-2.3	.92	.01	-.78	.59	1470	-178
St. Paul - UofM	86	53	69.6	-4.2	.70	-.27	.05	1.25	1485	-225
<u>SW DIST 7</u>										
Lamberton	86	51	67.0	-5.0	.35	-.44	.14	1.87	1383	-243
Pipestone	88	49	67.4	-4.6	.41	-.29	.92	2.56	1309	-233
Redwood Falls	86	53	68.6	-5.0	.78	-.06	.11	5.23	1421	-290
Worthington	87	54	67.8	-3.2	.09	-.67	1.55	1.38	1374	-140
<u>SC DIST 8</u>										
Faribault	81	50	66.0	-5.7	.48	-.52	1.58	6.74	1381	-173
Mankato	80	52	67.0	-5.3	1.18	.24	.26	5.80	1374	-229
Waseca	80	49	67.1	-4.2	1.55	.50	3.15	5.77	1432	-140
Winnebago	84	52	68.2	-3.8	.76	-.19	3.27	3.79	1422	-185
<u>SE DIST 9</u>										
Preston	78	48	65.1	-5.5	.14	-.93	-.37	9.61	1335	-131
Red Wing	83	52	67.9	-4.5	1.39	.46	-.62	2.46	1408	-177
Rochester	82	50	66.6	-3.6	.68	-.37	.28	6.55	1346	-109
Rosemount	80	51	67.4	-3.7	0m-1.06m-1.45m			.39m	1372	-145
Winona	83	54	69.4	-5.1	.52	-.43	-1.06	5.24	1476	-256

m=some data missing
Corn growing degree days (GDD) are calculated by subtracting a 50 degree base temperature from the average of the maximum and minimum temperature for the day. The daily maximum is limited to 86 degrees and minimum of 50 degrees.

The MINNESOTA CROP-WEATHER REPORT (USPS-387190) is published weekly in April through November (crop season). Subscription rates are \$15.00 per year for non-reporters and free to survey respondents by the Minnesota Agricultural Statistics Service, P O Box 7068, St. Paul, MN 55107. Periodicals postage paid at St. Paul, Minnesota and other mailing offices. POSTMASTER: Send address changes to the MINNESOTA CROP-WEATHER REPORT, P O Box 7068, St. Paul, MN 55107.

PERIODICALS
POSTAGE PAID

MINNESOTA AGRICULTURAL STATISTICS SERVICE
PO Box 7068, ST. PAUL MN 55107

WEEKLY NEWS REPORT
Minnesota Crop-Weather Report
Publication No. 387190
Address Service Requested